

Northern Region



Ontario

Ministry of
Natural
Resources

ISBN 0-7729-0175-9
MNR 3290

Adam Creek
Provincial Nature
Reserve

Interim Management
Statement

Kapuskasing District
April 1985

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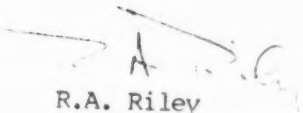


March, 1985

REGIONAL DIRECTOR'S APPROVAL STATEMENT

I am pleased to approve this Interim Management Statement for Adam Creek Provincial Park.

This Statement will provide direction for the management of Adam Creek Provincial Park until a Park Management Plan is completed. It will also set the general direction for the preparation of the more detailed management policies that the Management Plan will contain.


R.A. Riley
Regional Director
Northern Region

BACKGROUND

- 2 -

NAME: Adam Creek (Formerly Sanborn Twp.)	REGIONAL SETTING
PROPOSED CLASS: Nature Reserve	
M.N.R. DISTRICT Kapuskasing	
M.N.R. REGION: Northern	
AREA (ha.): 20 ha.	
SITE REGION:	
SITE DISTRICT:	
DATE in REGULATION:	

LIFE SCIENCE TARGET

site type/landscape unit	species/communities

EARTH SCIENCE TARGET

geological theme	feature
Quaternary - Wisconsinan	- Early to Middle Adam Till - Kipling Till

CULTURAL RESOURCE TARGET

theme	theme segment

RECREATION OPPORTUNITIES TARGET

day use	car camping	wilderness back country

INVENTORIES

level	type	earth science	life science	cultural	recreational
reconnaissance completed		Yes	No	No	No
detailed completed		Yes	No	No	No
required		No	No	No	No

POTENTIAL RESOURCE USE CONFLICT

Ontario Hydro Flooding Reserve

MATERIAL APPENDED

D.L.U.G. extract ☐	checksheet ☐	other background information sheet
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MANAGEMENT STATEMENT

1. Issues

There are no relevant management issues for this park.

2. Resource Management Guidelines

2.1 Mineral Resource Management

<u>Analysis</u>	<u>Guidelines</u>	<u>Recommendation</u>
The nature reserve status of the park protects it from any form of degrading land use/ activity including such forms of surface exploration/mining as open pit mining.	Geological investigation may be authorized by the district manager provided that such activity enhances knowledge/understanding of the geological features, and that the results of such work are made available to M.N.R. Mineral exploration/ extraction will not be permitted within the park.	That the guidelines be implemented with the approval of the plan and following appropriate changes to regulation.

2.2 Wildlife Management

<u>Analysis</u>	<u>Guidelines</u>	<u>Recommendation</u>
The park falls within Trapline KA-78.	As hunting and trapping pose no threat to site values, these activities will be permitted.	That the guidelines be implemented with the approval of the plan and following appropriate changes to regulations under The Game and Fish Act.

2.3 Vegetation Management

<u>Analysis</u>	<u>Guidelines</u>	<u>Recommendation</u>
The park contains no known significant vegetation sites.	Silviculture which enhances the park's geological features will be permitted.	That the guidelines be implemented with the approval of the plan.

2.4 Land Management

<u>Analysis</u>	<u>Guidelines</u>	<u>Recommendation</u>
There is no leased or private land within the park. However, Ontario Hydro has flooding rights to valley as a high water diversion for its dams on the Mattagami River.	No disposition of land will be permitted.	This guideline is already in effect.

3.0 Client Services Management Guidelines

- 3.1 Information: Basic information about Adam Creek Provincial Park will be produced for geologists and students. Specifically, a small leaflet providing information about access, the park's significance, references, and so forth, using photos, geological maps, and text should be adequate.
- 3.2 Education: Prospective visitors should be warned of the resource's vulnerability to damage from collectors; for example in any publication which is produced for the park.
- 3.3 Development: At present, the site is undeveloped and access is restricted to the use of watercraft. This situation facilitates protection of the site from human impact, and will be maintained.

4.0 Research

The Ontario Provincial Parks Planning and Management Policies describes scientific research policy in nature reserves as follows (NR-IV-10).

Scientific research by qualified individuals, which contributes to knowledge of natural history and to environmental management, will be encouraged in Nature Reserves.

All research programmes will require the approval of the Ministry of Natural Resources and must also meet all requirements under applicable provincial and federal legislation. The Ministry may approve the removal of geological samples by qualified researchers Approved research activities and facilities will be compatible with protection values in individual Reserves, and will be subject to development and management policies for Nature Reserves unless special permission is given. Sites altered by research activities will be rehabilitated as closely to their previous condition as possible.

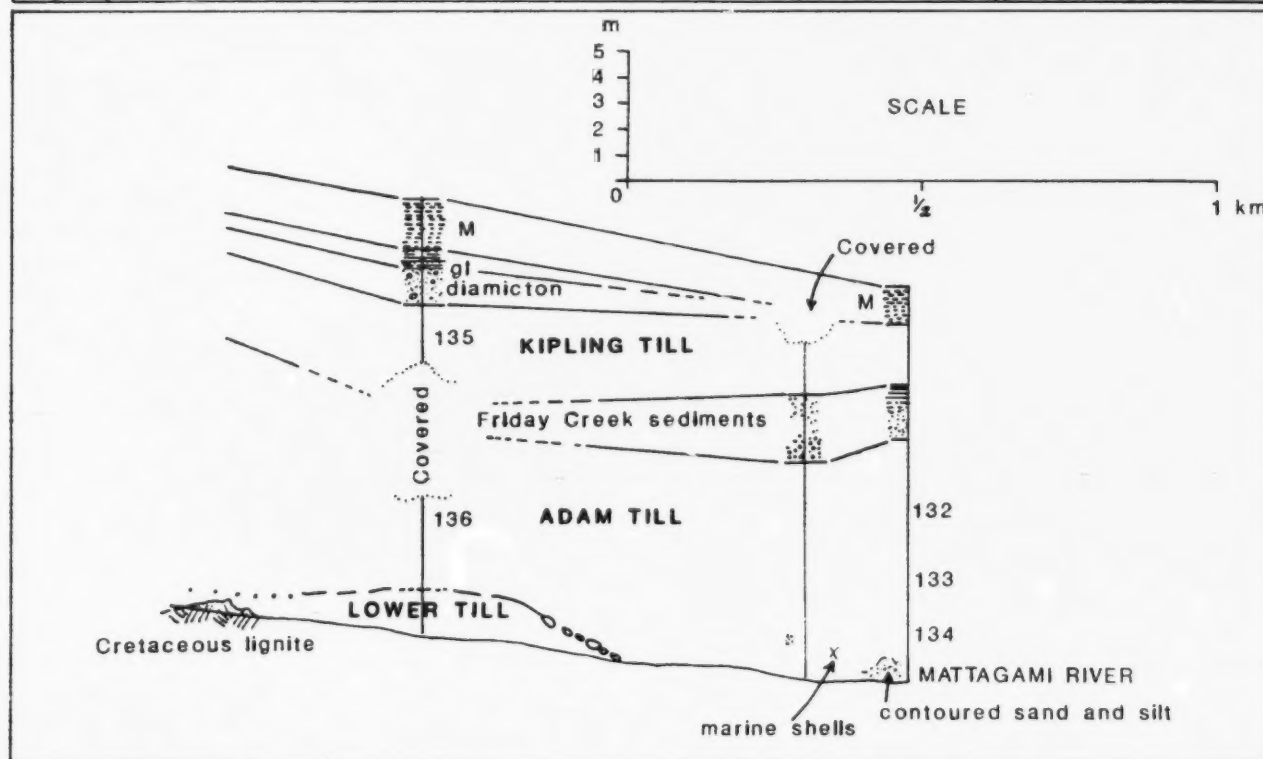
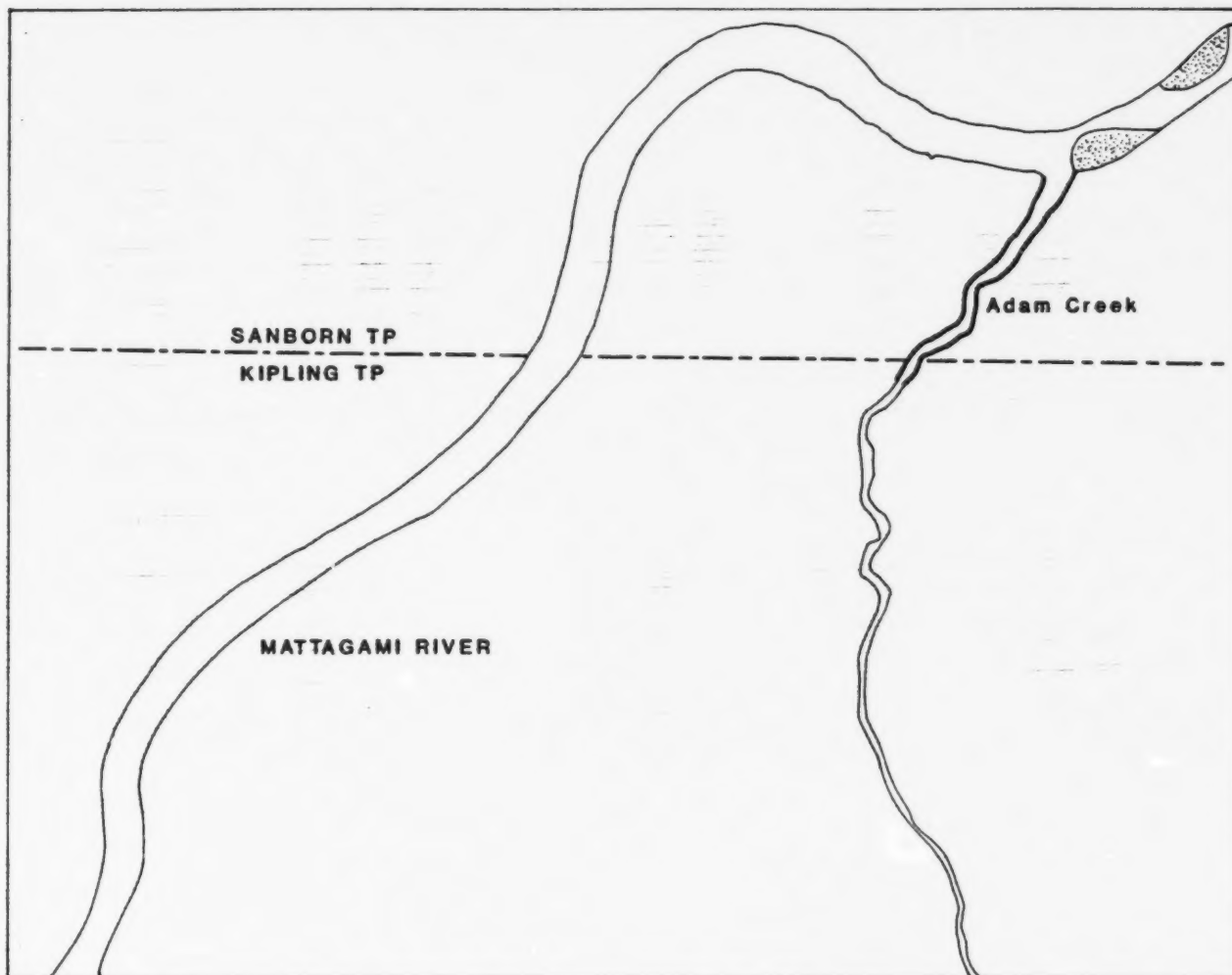
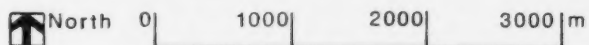
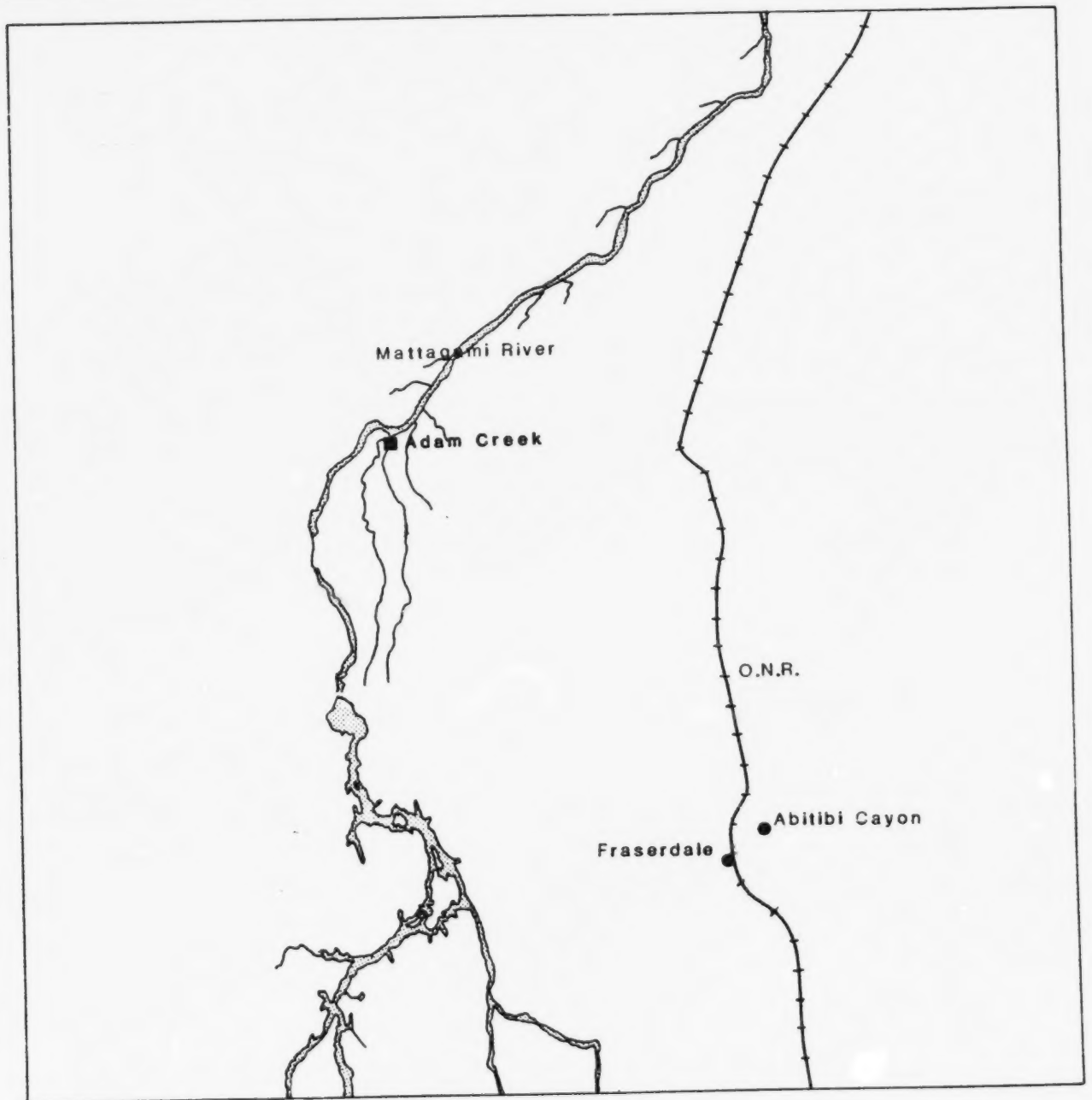


Figure 2
Regional Setting

- Towns
- Secondary Roads
- Adam Creek Nature Reserve

0 10 20km  North



ADAM CREEK NATURE RESERVE

(to be replaced by official Survey Plan)

GENERAL

In the District of Cochrane, in the Township of Sanborn, located in the Kapuskasing Administrative District.

METES & BOUNDS

Commencing at a point measured 2.57 kilometres west 42 north from the southeast corner of Sanborn Township, at the confluence of the Mattagami River and Adam Creek; thence in a generally southwesterly direction at a distance of 100 metres from the low water mark on both sides of Adam Creek for 2 kilometres upstream; being an area of 20 hectares more or less.

APPENDIX 1: NATURAL RESOURCES BACKGROUND
INFORMATION

Frey (1980) appraises the park's earth science features as being of national significance based on the following rationale.

This section of the Adam Creek shoreline is the most accessible part of the internationally recognized standard reference (stratigraphic type section) of the Early to Middle Wisconsinan Adam Till and the Late Wisconsinan Kipling Till (INQUA, 1977, p. 21, 22, 30, 31). The downstream end of the exposures on the Missinaibi River of this as yet formally undefined deposit (a type section has not been selected).

In composite the site-displays a complete record of the multiple glacial and non-glacial deposits of northern Ontario since the last interglacial events recorded in the Missinaibi Formation. In addition, a small outcrop of lignite of the Lower Cretaceous Mattagami Formation occurs at the upstream end of the site.

6. SANBORN SITE

a. Area Description

The nature reserve candidate in Sanborn Township includes 50 hectares along Adam Creek and protects a geological feature of national significance. This section of shoreline is the most accessible part of the internationally recognized standard reference of the Early to Middle Wisconsinan Adam Till and the Late Wisconsinan Kipling Till. The downstream end of the exposures also contain a regionally representative stratigraphic section of the non-glacial Friday Creek sediments, complimenting extensive exposures on the Missinaibi River. In composite the site displays a complete record of the multiple glacial and non-glacial deposits of Northern Ontario since the last interglacial

events recorded in the Missinaibi Formation.

This candidate is currently contained within an exploratory license for the purposes of mineral exploration.

b. Land Use Intent

The candidate is recommended for park status.

It is further recommended that most of the ongoing activities within the area be permitted to continue. The exception to this would be commercial logging which is not recommended as a continuing use. An outline of these ongoing activities which are recommended for continuation is given in the Land Use Activity section, however it must be realized that in some instances further refinement may be required.

c. Land Use Activity For Area Number 6 — SANBORN SITE

Activity	Acceptable		Recommended Guidelines
	Yes	No	
Aggregate Extraction		x	
Agriculture		x	
Bait Fishing	x		It is recommended that existing bait fishing operation be permitted to continue.
Commercial Fishing		x	
Cottaging		x	
Crown Land Recreation		x	Not applicable
Forestry		x	
Hunting	x		It is recommended that hunting be permitted to continue.
Mining	x		It is recommended that mineral extraction exploration be permitted.
Provincial Parks	x		Recommended for park status.
Roads		x	Roads required for mineral exploration will be considered on a case by case basis.
Rural Residential		x	
Sport Fishing	x		It is recommended that sport fishing be permitted to continue.
Tourism		x	
Trapping	x		It is recommended that existing trapping activity be permitted to continue.
Wildlife Viewing	x		
Wild Rice Harvesting		x	No commercial harvesting potential.
Urban Development		x	



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